

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	198	(acoustic\$4 near15 characteristic) near15 (pipeline or tube or tub\$3 or conduit or cylinder or pipe)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 15:54
S2	916	pipeline near15 pig	US-PGPUB; USPAT	OR	ON	2006/01/19 11:37
S3	180667	(vibrat\$3 or oscillat\$3) near15 (frequency or amplitude)	US-PGPUB; USPAT	OR	ON	2006/01/19 11:38
S4	46	S2 and S3	US-PGPUB; USPAT	OR	ON	2006/01/09 14:41
S5	51749	(vibrat\$3) near15 (frequency or amplitude)	US-PGPUB; USPAT	OR	ON	2006/01/09 15:50
S6	21	S2 and S5	US-PGPUB; USPAT	OR	ON	2006/01/09 15:49
S7	807	pipeline near15 pig	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:59
S8	44571	(vibrat\$3) near15 (frequency or amplitude)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:50
S9	7	S7 and S8	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:57
S10	7432	acoustic\$4 near15 characteristic	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:57
S11	14132	acoustic\$4 near15 characteristic	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:57
S12	1	S7 and S10	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:57
S13	1026	pipeline near15 pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:59
S14	13	S11 and S13	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:59
S15	808	pipeline near15 pig	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:52
S16	147248	(vibrat\$3 or oscillat\$3) near15 (frequency or amplitude)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:50
S17	1223518	speed\$3	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:52

S18	0	S15 and S16 and S17	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:47
S19	33	S15 and S17	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:39
S20	7	S15 and S16	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:49
S21	7477	acoustic\$4 near15 characteristic	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 12:10
S22	1	S15 and S21	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:50
S23	160646	(vibrat\$3 or oscillat\$3) near15 (frequency or amplitude or characteristic)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:52
S24	8	S15 and S23	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 11:50
S25	255050	(vibrat\$3 or oscillat\$3) near15 (frequency or amplitude or characteristic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 11:52
S26	1029	pipeline near15 pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:24
S27	1815636	speed\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 11:52
S28	34	S25 and S26 and S27	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 12:08
S29	2156	(73/618,619,579,865.8,622,623). CCLS.	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:08
S30	76	S29 and S26	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 12:09
S31	14	S30 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 12:10
S32	14188	acoustic\$4 near15 characteristic	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 12:10
S33	4	S30 and S32	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 12:27
S34	3	((("4710710") or ("4879695") or ("4964059")).PN.	US-PGPUB; USPAT	OR	OFF	2006/01/19 12:27

S35	1128	clean\$3 near15 pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:25
S36	204708	((acoustic\$4 or vibration) near15 (characteristic or frequency)) or (frequency near15 response)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:48
S37	169294	pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:30
S38	5284	S36 and S37	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:29
S39	426497	(control\$4 or conduct or regulat\$3) near15 speed	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:48
S40	333	S38 and S39	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:42
S41	2703176	(pipeline or tube or tub\$3 or conduit or cylinder or pipe)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 14:52
S42	250	S40 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:45
S43	6054	(pipeline or tube or tub\$3 or conduit or cylinder or pipe) near15 pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:48
S44	25	S40 and S43	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 13:45
S45	2297	(pipeline or tube or tub\$3 or conduit or cylinder or pipe) near15 pig	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:48
S46	290270	(control\$4 or conduct or regulat\$3) near15 speed	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:48
S47	84713	((acoustic\$4 or vibration) near15 (characteristic or frequency)) or (frequency near15 response)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:49
S48	11	S45 and S47	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 13:49
S49	452	(acoustic\$4 near15 characteristic) near15 (pipeline or tube or tub\$3 or conduit or cylinder or pipe)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 14:54
S50	15	S49 and pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 14:55

S51	198	(acoustic\$4 near15 characteristic) near15 (pipeline or tube or tub\$3 or conduit or cylinder or pipe)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:55
S52	1	S51 and pig	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:55
S53	4	(pipeline or tube or tub\$3 or conduit or cylinder or pipe) near15 interaction near15 pig	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:59
S54	7	(pipeline or tube or tub\$3 or conduit or cylinder or pipe) near15 interaction near15 pig	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 14:56